



KONICA MINOLTA

magicolor 2550 SERIES



Technical Guide



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October 2006



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Contents

*The magicolor 2550 Series—Big-printer features
in a compact, user-friendly package*

Introduction	1
Specs at a Glance	2
Target Markets	3
Key Features	4
Compact and Affordable	4
Printing Power and Performance	4
Ease of Setup and Operation	5
Brilliant, Consistent Color	5
Cross-Platform Compatibility	6
Free Technical Support	6
Engine	7
Type	7
Duty Cycle	7
Print Speeds	7
First-Page-Out Times	7
Operating Environment Conditions	8
Weights and Dimensions	8
Controller	10
Type	10
Processor	10
Printer Memory—DDR SDRAM	11
Printer Memory & Advanced Printing Functions— Optional Hard Disk	11
Compatibility	12
Emulations	12
Connectivity	13
Resolutions	13
Photo ART & Contone	14



magicolor 2550 



Media Handling	15
Standard Media Handling	15
Print Media	15
Media Path	16
Imageable Area	16
Supported Media Sizes	17
Advanced Document Processing	18
 Supplies	 20
Toner Cartridges	20
Drum Cartridge	21
In-box Supplies	21
Replacement Supplies	21
Supplies Monitoring	22
 Printer Management	 24
Convenient Printer Management Tools	24
Printer Drivers	24
PageScope Printer Management Suite	25
Status Monitor	28
Printer Control Panel	29
Electronic User Documentation	30
 Camera Direct Photo Printing	 31
USB 1.1 Host Port with PictBridge Compatibility	31
 Color Control	 32
Professional Color Tools for Novices and Professionals	32
Automatic ICC-Based Color Matching	32
Host-Based ICC Color Matching	33
Dynamic Contone Screening	33
PANTONE Color Look-up Tables	34
Enhanced Automatic Image Density Control (eAIDC)	34
 Options	 35
Automatic Duplex Option	35
Lower Feeder Unit	35
Memory	35
Hard Disk	36
Extended Warranties	36



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Introduction

The KONICA MINOLTA magicolor® 2550 Series is proof that the best things really do come in small packages.

Today's competitive business world requires FAST speed and HIGH quality, but COMPACT space requirements and a SMALL price tag. The powerful and versatile KONICA MINOLTA magicolor 2550 Series color network laser printers provide just that. Packed with power, yet space saving and cost conscious, these feature-rich printers boast the enhanced graphics quality and high-end printing functions typically found in larger, more expensive models.

While they fit unobtrusively on the desktop, the magicolor 2550 EN and 2550 DN boast ultra-fast processors and enough DDR SDRAM to process the most complex print jobs in a flash. They deliver the first black & white page in only 13 seconds and the first color page in only 22 seconds, and then whip out 20 crisp black & white pages or 5 photorealistic color pages per minute.

The 9600 x 600-dpi class Photo ART contone quality and KONICA MINOLTA Simitri® Polymerized Toner produce dazzling colors and photorealistic details for eye-catching, professional-quality documents at only pennies a page.

Equipped with KONICA MINOLTA Emperon printing architecture and featuring PostScript® 3 and PCL® 6 emulations, multi-platform compatibility and multi-network support, the KONICA MINOLTA magicolor 2550 Series printers fit comfortably in most workgroups. 10/100BaseTX Fast Ethernet®, Hi-Speed USB 2.0, and parallel interfaces ensure seamless networking or local operation and easily handle the printing demands of any small office or large workgroup.

The magicolor 2550 DN provides additional processing power, camera direct photo printing, automatic two-sided printing, and enough RAM for full functionality of all printer features.

This Technical Guide includes complete information about the magicolor 2550 EN and 2550 DN. To see either one of these printers in action, go to printer.konicaminolta.com/products/color/mc2550 and click on Test Drive.





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Specs at a Glance

An overview of the features of the magicolor 2550 EN and 2550 DN.

	magicolor 2550 EN	magicolor 2550 DN
Print Method	Electrophotographic color laser	
Processor	PowerPC, 300 MHz	
Print Speed (letter/A4)	Up to 20 b&w ppm, 5 color ppm	
Resolution	Up to 9600 x 600 dpi-class	
Duty Cycle (letter/A4)	Up to 35,000 prints/month	
Memory	128 MB DDR SDRAM Upgradeable to 640 MB (1 slot)	256 MB DDR SDRAM Upgradeable to 640 MB (1 slot)
Operating Systems	Windows® Server 2003/XP/2000/NT4/Me/98SE, Macintosh® OS X (v10.2+)/OS 9 (v9.1+), RedHat Linux 9/SuSE Linux® 8.2	
Interfaces	10/100BaseTX Ethernet, USB 2.0, Parallel	10/100BaseTX Ethernet, USB 2.0, Parallel USB 1.1 Host Port for camera direct photo print
Media Input	200-sheet multipurpose tray Optional 500-sheet lower feeder unit	
Media Sizes	Up to legal (8.5" x 14" / 216 x 356 mm)	
Media Weights	Up to 90 lb Index	
Media Output	200-sheet face-down tray	
Print Media Types	Plain paper, letterhead, thick stock, glossy stock, transparencies, laser-quality labels, postcards, envelopes	
Printer Management	PageScope™ Net Care, PageScope Web Connection, PageScope Network Setup, PageScope Peer-to-Peer Printing Tool, PageScope EMS Plug-in, HP Web JetAdmin Plug-in, PageScope Plug & Print, PageScope NDPS Gateway, PageScope Direct Print, Print Monitor, Status Monitor	
Color Control	Enhanced Automatic Image Density Control (eAIDC); ICC device profiles; Automatic ICC-based color matching; Dynamic Contone Screening; SWOP, Commercial, EuroColor, TOYO, and DIC press emulations; PANTONE® Color Tables	
Emulations	PostScript 3, PCL 6; PDF 1.4 (with optional hard disk)	
Typefaces	144 PostScript fonts, 93 PCL fonts, 10 line printer fonts	
Warranty	One-year exchange	



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Target Markets

The magicolor 2550 EN and 2550 DN fit perfectly in any office environment.



With robust performance, cross-platform and multi-network compatibility, and ease of setup and maintenance, the versatile magicolor 2550 EN and 2550 DN color laser printers are ideal for small offices, small-to-medium-sized businesses, & workgroups in larger organizations.

Best of all, it's not necessary to sacrifice quality for speed and functionality. With 9600 x 600-dpi class Photo ART quality and contone screening, the magicolor 2550 printers serve creative professionals and general business customers equally well.

The magicolor 2550 EN and 2550 DN are perfect for these environments:

- ☐ Small offices
- ☐ Small and medium-sized businesses
- ☐ Workgroups in larger organizations
- ☐ Applications using PostScript and/or PCL
- ☐ Workgroups that require multi-platform support—Windows, Macintosh, and/or Linux
- ☐ Environments with mixed networks—TCP/IP, NetWare, and/or EtherTalk
- ☐ Offices requiring extensive printer management

Use this powerhouse printer for:

- | | |
|------------------------------|-------------------------|
| ■ Daily correspondence | ■ Business papers |
| ■ Email | ■ Spreadsheets & charts |
| ■ Newsletters | ■ Reports |
| ■ Web pages | ■ Envelopes |
| ■ Flyers, posters, & mailers | ■ Photographs |
| ■ CD-ROM & mailing labels | ■ Invoices |



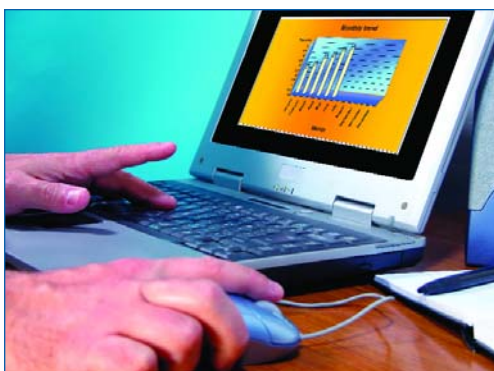


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Key Features

It's no longer necessary to rely on larger, more expensive printers to have the quality, speed, and functionality you require.



The magicolor 2550 EN and 2550 DN fit unobtrusively in any environment. They're perfect for field employees who need to print a quick document or two from a laptop while visiting the main office.

Compact and Affordable

Every day, the staff of a typical office or workgroup are challenged with complex printing demands. The magicolor 2550 Series printers were designed to meet their specific needs. These versatile color laser printers deliver the ease of use, compatibility, and professional quality they require, but at the same time they fit within space and budget constraints.

In fact, the magicolor 2550 EN and 2550 DN are the perfect fit for almost any desktop and budget. Although compact enough for practically any workspace, they can easily handle the demanding requirements of both small offices and workgroups.

Designed for quiet operation, the unobtrusive magicolor 2550 Series printers are available at little more than a moment's notice, delivering the first black-and-white page in as little as 13 seconds and the first color page in only 22 seconds.

Full front access means reloading supplies and clearing media jams is a snap, so space is not an issue. In addition, professional-quality color and cost-effective, high-capacity toner cartridges (4,500 prints) keep printing in-house, saving both time and money.

Printing Power and Performance

The magicolor 2550 Series printers feature Emperon printing technology, which boosts printer performance and enhances image quality while simplifying the entire printing process. More than just a controller, Emperon is a robust combination of hardware functionality and software tools that provides unprecedented ease of printer installation and management as well as the printing quality, speed, and versatility that today's competitive businesses require. The 300 MHz PowerPC CPU quickly processes even the most complex files while the DDR SDRAM doubles the data throughput and swiftly delivers print jobs.

Both printers handle all common types of business media (plain paper, thick stock, glossy stock, transparencies, labels, and envelopes), and the magicolor 2550 DN includes automatic two-sided printing. An optional hard disk provides additional storage for fonts, forms, and profiles; electronic collation; job accounting; direct PDF 1.4 printing; and secure printing functions.



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Ease of Setup and Operation

Easy setup and operation are hallmarks of KONICA MINOLTA printers, and the magicolor 2550 EN and 2550 DN are no different. Pre-installed 4,500-page, high-capacity toner cartridges and auto-install software mean they are out of the box and printing in just minutes.

Customers in networked environments will be pleased to find that the installation software automatically detects the printer on the network and quickly guides them through printer setup.

Print jobs can be customized easily with comprehensive printer drivers that offer collation, fit-to-page scaling, separation pages, watermarks, tray selection, and many other features. The PageScope™ suite of printer utilities offers robust printer configuration and management for remote network administrators while the embedded PageScope Web Connection allows all customers to monitor print activity and supply levels without having to walk over to the device.

Technical support is US-based and toll-free for five years. Answers to your questions are always easily available via both the telephone and the Internet at www.konicaminolta.com/support.

Brilliant, Consistent Color

A legacy of innovative color technology from KONICA MINOLTA ensures outstanding image quality on both the magicolor 2550 EN and magicolor 2550 DN. With the 9600 x 600 dpi-class Photo ART quality and dynamic contone screening of KONICA MINOLTA Emperon controllers, the magicolor 2550 Series printers deliver amazing photographic detail, smooth color gradients, and crisp text.

Power users and novices alike will benefit from advanced color features. Enhanced Automatic Image Density Control (eAIDC) ensures consistent, accurate color from the first page to the last and from one document to another, even during intensive, long-term use. Industry-standard automatic ICC-based color matching provides automatic or single-button controls for color correction of print files.

KONICA MINOLTA Simitri™ Polymerized Toner produces sharper output, finer text, and smoother halftones than conventional toner on all common types of media. With a life expectancy of over 100 years, Simitri toner is also environmentally friendly, reducing toner and energy usage.

Simitri



9600 x 600 dpi-class Photo ART quality and dynamic contone screening produce vibrant colors, rich blacks, realistic photographs, and crisp text.



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Cross-Platform Compatibility

The magicolor 2550 Series printers are the ideal printing solution for diverse workgroups. With Windows, Macintosh, and Linux compatibility, the magicolor 2550 Series printers are at home in any printing environment.

The 10/100BaseTX Fast Ethernet interface provides high-speed network printing for busy workgroups while USB 2.0 and parallel ports are also available for local operation. Support for NetWare®, TCP/IP, EtherTalk®, and NetBIOS/NetBEUI ensures smooth integration into mixed network configurations. PostScript 3 and PCL 6 emulations support most popular software applications, providing seamless creation and processing of color documents.

With an optional hard disk, PDF direct printing is also available.



"This type of excellent service is almost unheard of in these days of offshoring, etc. Within the past week I was on the phone with a Hewlett-Packard Tech Support person from India, and I could barely understand him during most of the 45-minute torturous encounter."—Robert K.

Free Technical Support

With KONICA MINOLTA US-based Technical Support, you never have to wait to have your questions answered. Average response time is less than one minute during normal business hours. Technical support is toll-free for five years.

Technical support is available in the following ways:

- ☐ **Answer Base:** The Answer Base provides 24-hour Online Help. Answers to hundreds of common questions and diagnostic advice for all of our printers and all-in-ones are available at printer.konicaminolta.com/support.
- ☐ **Email:** If you can't find the answer you need in the Answer Base, contact one of our Support Engineers via email at printer.konicaminolta.com/support/supportmail/index.html.
- ☐ **Telephone:** If you would rather talk to a KONICA MINOLTA Technical Support engineer, call (877) 778-2687. Check current business hours at printer.konicaminolta.com/support.



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Engine

Excellent print quality and performance.



The workhorse magicolor 2550 Series printers have a maximum duty cycle of 35,000 prints per month.

Type

The magicolor 2550 Series printers are based on an award-winning KONICA MINOLTA laser printer engine. This engine features a multi-pass CMYK (cyan, magenta, yellow, black) printing system to produce full-color output.

Duty Cycle

Maximum duty cycle is 35,000 letter/A4-size prints per month.

Print Speed

Media Type/Size	B&W	Full Color	Simplex/Duplex
Plain paper, letter/A4	20 ppm	5 ppm	Simplex
Plain paper, letter/A4	11.4 ppm	5 ppm	Duplex

First-Page-Out Times*

Media Type/Size	B&W	Full Color	Simplex/Duplex
Plain paper, letter/A4	13 sec	22 sec	Simplex
Plain paper, letter/A4	26 sec	35 sec	Duplex

* From an idle, ready state



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Operating Environment Conditions

Power supply	120 VAC $\pm 10\%$, 50–60 Hz $\pm 3\%$
Power consumption	1,100 W maximum 600 W or less (b&w printing) 450 W or less (color printing) 250 W or less (standby) 15 W or less (Energy Saver)
Temperature (operating)	50°–95° F (10°–35° C)
Humidity (operating)	15–85% RH
Noise	52 dB or less (printing) 35 dB or less (standby)

Weights and Dimensions

Weights

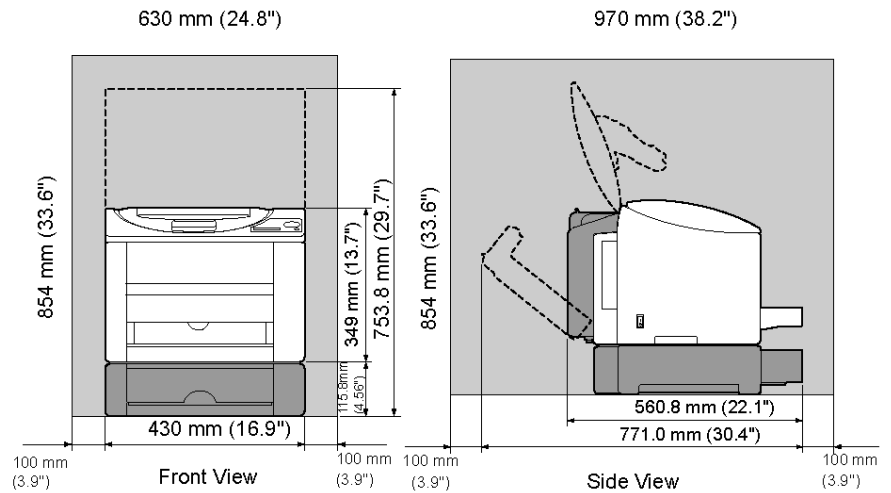
	magicolor 2550 EN	magicolor 2550 DN
Shipping (printer)	55.2 lbs (25.1 kg)	70.1 lbs (31.8 kg)
Printer only w/ consumables	45.8 lbs (20.8 kg)	49.3 lbs (22.6 lbs)
Printer only w/o consumables	38.2 lbs (17.4 kg)	42.3 lbs (19.2 kg)
Shipping (lower feeder unit)	14.3 lbs (6.5 kg)	
Shipping (duplex option)	7.3 lbs (3.3 kg)	

The magicolor 2550 Series printer cartons include detailed unpacking graphics on the top flap.





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Dimensions

magicolor 2550 EN magicolor 2550 DN

Printer Packaging

Width	23.3" (591 mm)	25.2" (641 mm)
Depth	19.5" (496 mm)	21.2" (538 mm)
Height	20.6" (522 mm)	29.1" (739 mm)

Printer (with tray closed)

Width	16.9" (430 mm)	16.9" (591 mm)
Depth	15.6" (395 mm)	18.0" (457 mm)
Height	13.4" (341 mm)	13.4" (522 mm)

Printer (with tray cover)

Width	16.9" (430 mm)	16.9" (591 mm)
Depth	19.8" (502 mm)	22.2" (564 mm)
Height	13.4" (341 mm)	13.4" (522 mm)

Printer (with tray cover, optional lower feeder unit and optional duplexer)

Width	16.9" (430 mm)	16.9" (591 mm)
Depth	22.2" (564 mm)	22.2" (564 mm)
Height	18.0" (457 mm)	18.0" (457 mm)



magicolor 2550



Controller

Emperon printing architecture adds power and versatility to an award-winning printer engine.



Type

The magicolor 2550 Series printers use an easy-access Emperon controller. The magicolor 2550 EN includes 128 MB DDR SDRAM on board while the magicolor 2550 DN adds a 128 MB DIMM, providing a total of 256 MB DDR SDRAM.

The next-generation Emperon controller technology for KONICA MINOLTA laser printers provides efficient document processing with minimal network impact as well as a host of operating system, emulation, network, and printer management features:

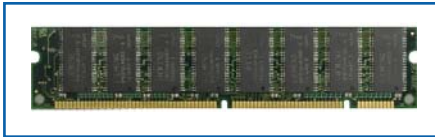
- ☐ Windows, Macintosh, and Linux compatibility
- ☐ PostScript 3 and PCL 6 compatibility; PDF 1.4 Direct Printing is also available with an optional hard disk
- ☐ Multi-protocol print serving with TCP/IP, EtherTalk, NetWare, and NetBIOS/NetBEUI support
- ☐ Excellent color quality with precise color matching and halftone screening and 9600 x 600 dpi-class Photo ART contone resolution
- ☐ Easy printer management with the PageScope suite of management utilities
- ☐ Seamless integration of document output management with a consistent user interface and functionalities across all the KONICA MINOLTA next-generation products

Processor

The magicolor 2550 uses a 300 MHz PowerPC CPU for document imaging.



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DDR SDRAM processes data faster than conventional memory for quicker page delivery.

Printer Memory—DDR SDRAM

	magicolor 2550 EN	magicolor 2550 DN
Standard RAM (on board)	128 MB	256 MB
Maximum RAM	640 MB	640 MB

The magicolor 2550 Series printers use industry-standard 100-pin, unbuffered dual-data-rate (DDR) SDRAM modules that effectively double data throughput and consume less energy than conventional memory.

One DIMM slot is available for upgrading printer memory up to 640 MB. Increased memory allows the printer to duplex additional media sizes at highest resolution and may also help speed printing of complex, graphics-filled files, especially in busy network environments.

Memory Requirements for Simplex and Duplex Printing

Mode	Simplex				Duplex			
	600 x 600		9600 x 600		600 x 600		9600 x 600	
DPI	600 x 600		9600 x 600		600 x 600		9600 x 600	
Media	Letter	Legal	Letter	Legal	Letter	Legal	Letter	Legal
MB	128*	128*	128*	128*	128*	128*	256**	384***

* No memory upgrade required; base memory is adequate

** 128 MB memory upgrade required for the magicolor 2550 EN

*** 256 MB memory upgrade required for the magicolor 2550 EN;
128 MB memory upgrade required for the magicolor 2550 DN

Printer Memory & Advanced Printing Functions—Optional Hard Disk

An optional 40 GB internal IDE hard disk can be installed on the magicolor 2550 Series printers to provide additional memory, security, and convenience functions.



Add a hard disk to the magicolor 2550 EN or 2550 DN to activate advanced printing functions.

Storage	Store fonts, forms, overlays, and profiles.
PDF Print	Direct-print PDF files (via PageScope Web Connection) without first opening Adobe Reader.
Processing	Enhance printed documents with booklet printing, background printing, and printer-based electronic collation.
Job Accounting	Store job accounting information used to determine printer usage and resource allocation.
Proof then Print	Print and review the first copy of a document before using PageScope Web Connection or the printer control panel to release the remainder of the job. Unprinted jobs are deleted manually or when the printer is rebooted.



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Secured Job

Hold a print job in printer memory until it is released with a 4-digit PIN via PageScope Web Connection or the printer control panel. Unprinted jobs are deleted manually or when a "Held Job Timeout" occurs.

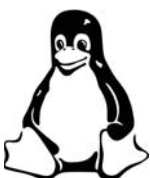
Print & Hold

Print a job and store it in printer memory for future printing until a "Held Job Timeout" or reboot occurs, or it's manually deleted.

Stored Job

Store a job in printer memory for future printing. The job remains in memory even after it is printed or the printer is rebooted. Stored jobs are deleted through PageScope Web Connection and the printer control panel, or when a "Held Job Timeout" occurs.

Stored Job w/ PIN Same as Stored Job except that it requires a 4-digit PIN to access and either print or delete the file.



Compatibility

The magicolor 2550 EN and 2550 DN are compatible with the following operating systems:

- ☐ Windows Server 2003/XP/2000/NT4/Me/ 98SE
- ☐ Macintosh OS X (v10.2+)/OS 9 (v9.1+)
- ☐ Red Hat Linux 9/SuSE Linux 8.2

Emulations

The magicolor 2550 supports the most popular industry PDLs (Page Description Languages) for seamless, error-free printing:

- ☐ PostScript 3
- ☐ PCL 6 (includes PCL 5c, 5e, and XL)
- ☐ PDF v 1.4

For today's common business and graphics applications, the magicolor 2550 Series printers include a standard PostScript 3 emulation, complete with 144 resident fonts.

The PCL 6 emulation is designed to emulate the HP Color LaserJet 4550 and 4600. Included are 93 fonts and PJP (Printer Job Language), a document control language that makes the printer highly compatible with mainstream applications that generate these types of commands.

When an optional hard disk is installed in the printers, a PDF 1.4 Direct Print emulation is also available. PageScope Web Connection can be used to print PDF files directly without first opening up Adobe Reader.



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The magicolor 2550 EN and 2550 DN both provide 10/100BaseTX Ethernet, Hi-Speed USB 2.0, and parallel interfaces.

Connectivity

The following interfaces are available on the magicolor 2550 EN and 2550 DN:

- ❑ **Ethernet**—The autosensing 10/100BaseTX Ethernet interface operates on both the traditional 10 Mbps LAN and 100 Mbps Fast Ethernet networks, and supports the following protocols: TCP/IP, EtherTalk, IPX/SPX (NetWare 4/5/6), NDS Bindery, NDPS, NetBIOS, NetBEUI, SMB, HTTP, HTTPS, IPP 1.1, SNMP, LPD, FTP, DHCP, BootP, ARP, Auto IP, Ping/ARP, SMTP, SLP, TCP/IP socket, Telnet, and UPnP 2.0.
- ❑ **Parallel**—The parallel interface supports IEEE 1284 communication and is also Microsoft “Plug and Play” compatible.
- ❑ **Hi-Speed USB 2.0**—The Hi-Speed USB 2.0 interface provides a 4-pin Series B connector and runs at speeds up to 480 Mbps. This interface supports Microsoft “Plug and Play.”
- ❑ **USB 1.1 Host Port**—Conveniently located on the front of the magicolor 2550 DN, this interface is used for Camera Direct Photo Printing.

Resolution

- ❑ **Standard**—600 x 600 dpi

For draft prints and disposable documents, select Standard resolution.

- ❑ **High Quality**—9600 x 600 dp-class with Photo ART contone screening

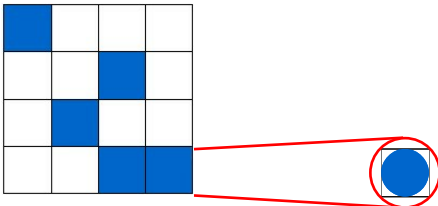
To generate photo-quality output with great detail and character in fine lines and halftones, use High Quality resolution.

Increasing or reducing print resolution does not affect the speed of the engine or significantly affect the amount of toner used for printed output. The magicolor 2550 EN and 2550 DN print at full speed regardless of the print resolution chosen, and they provide a low cost per page even when using High Quality.



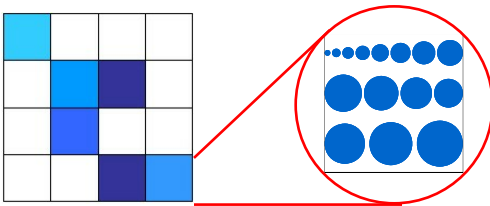


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Traditional Halftone Cell: 1 bit/pixel

1 bit/pixel means that each dot can be only one size—the laser beam is either “on” or “off” (white). Therefore, there are only 2 possible gray or color levels.



Contone Halftone Cell: 4 bits/pixel

4 bits/pixel means that each dot can be 1 of 15 different sizes or “off” (white). Therefore, there are 16 possible gray or color levels.

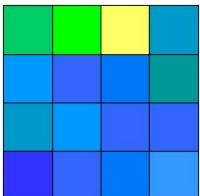


Photo ART screening produces great color detail and results in more gray or color levels than conventional screening.

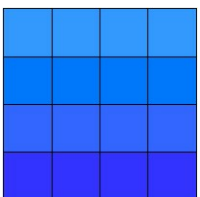


Photo ART screening produces smooth gradients.

Photo ART and Contone

By using 9600 x 600 dpi-class with Photo ART contone screening, the magicolor 2550 Series printers generate photorealistic output with great detail and character in the fine lines and halftones.

When printing at 600 x 600 dpi, the magicolor 2550 Series printers (and other 600 x 600 dpi printers) have only two options for controlling the laser beam (which is responsible for telling the print engine how much and what color toner to place on the media). They can either turn the laser beam “on” (place toner on the media) or “off” (do not place toner on the media)—600 times per inch. And because the laser beam can be only on or off, each printed dot has the exact same size. This is equal to 1 bit (2 gray or color levels) per pixel, and this resolution is called “Standard” in the magicolor 2550 EN and 2550 DN printer drivers.

In contrast, when printing at 9600 x 600 dpi-class resolution (called “High Quality” in the printer driver), the magicolor 2550 EN and 2550 DN employ pulse width modulation (or PWM) to control the length of time the laser beam remains “on” to create each dot, consequently controlling the size of the dot. Fifteen different dot sizes as well as “off” (do not place toner on the media) are possible. This is equal to 4 bits (16 gray or color levels) per pixel rather than only 1 bit (2 levels) per pixel, and it produces an incredible 4096 colors per dot. The result is the type of high-quality output—with even fill patterns, a wide variety of hues and shades, better detail, and more accurate colors—that can usually be produced only by professional print shops.

Print quality is further enhanced by dithering (varying the pattern of the dots) and KONICA MINOLTA Simitri Polymerized Toner technology.



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Media Handling

The magicolor 2550 Series printers support the media sizes and types today's busy offices require.



The multipurpose tray holds up to 200 sheets of paper. A dust cover is standard on all 110V printers.



The output tray must be opened before printing.

Standard Media Handling

The magicolor 2550 EN and 2550 DN each include a 200-sheet multipurpose tray for paper and other media. This tray accommodates all supported page sizes up to 8.5" x 14".

An optional 500-sheet lower feeder unit (letter or A4) is also available to increase paper input capacity to 700 sheets.

Printed pages are delivered face down into the printer's 200-sheet output tray.

When necessary, both the multipurpose and output trays can be closed to conserve space.

Print Media

The magicolor 2550 EN and 2550 DN support a wide range of media commonly used for business applications. For a complete list of approved media, refer to printer.konicaminolta.com.

Media Type	Specifications	Driver Setting
Normal paper	16–24 lb Bond (60–90 g/m ²)	Plain Paper
Recycled paper	16–24 lb (60–90 g/m ²)	Plain Paper
Envelopes	Supported*	Envelope
Glossy Stock	16–24 lb (60–90 g/m ²)	Glossy
Letterhead	16–24 lb (60–90 g/m ²)	Letterhead
Labels (sheet)	Supported*	Labels
Postcards	16–43 lb (60–163 g/m ²)	Postcard
Thick stock	24–80 lb Cover (90–220 g/m ²)	Thick
Transparencies	KONICA MINOLTA Q-Media	Transparency

* Must be certified for laser printers and capable of withstanding fusing temperature of 401° F (205° C)



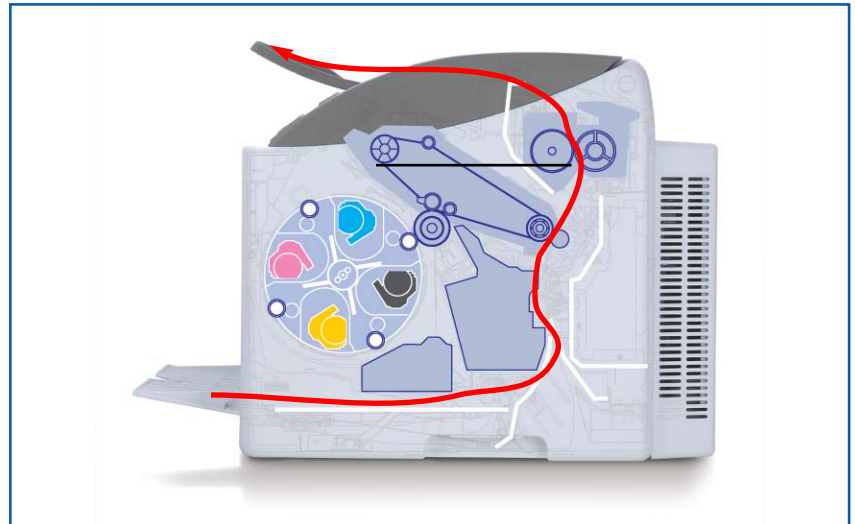
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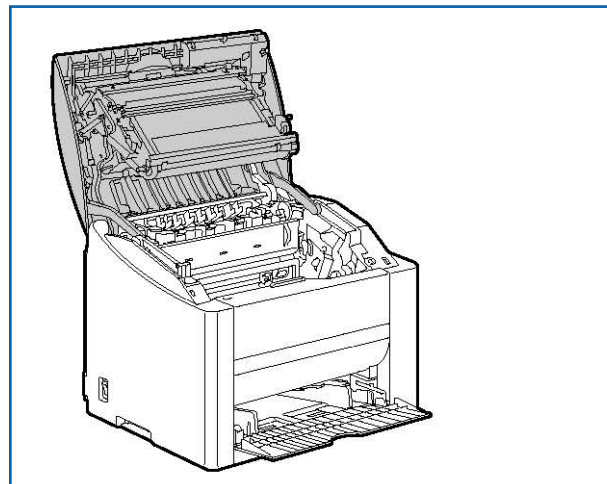
Media Path

The magicolor 2550 Series printers use a C-shaped media path, allowing them to support thicker stock media.

A C-shaped paper path means you can print heavier media stocks without experiencing media misfeeds.



To remove a media jam, lift the printer's top cover.



Imageable Area

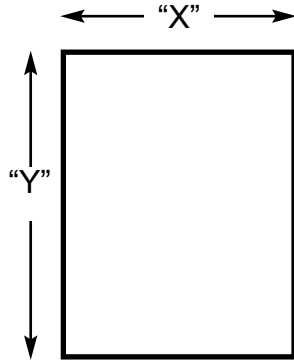
- ☐ Guaranteed print width—Up to 8.18" (207.9 mm)
- ☐ Guaranteed print length—Up to 13.2" (335.6 mm) color; up to 13.7" (347.6 mm) monochrome
- ☐ Non-printable area—0.16" (4 mm) from all page edges



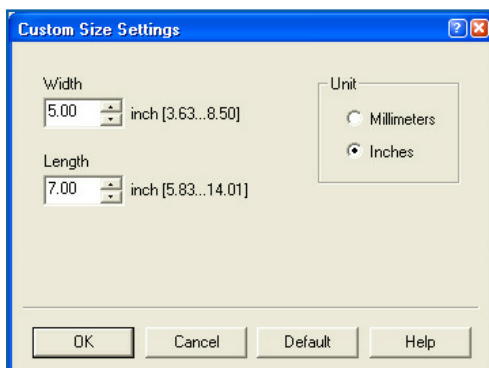
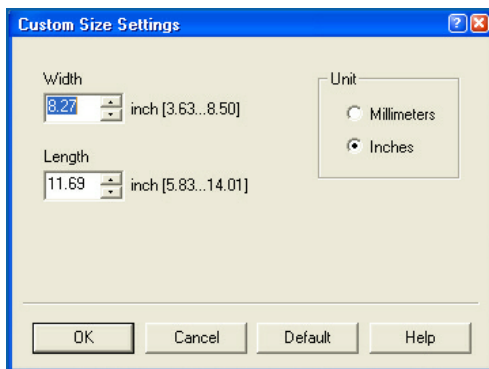
magicolor 2550



Supported Media Sizes



The table at the right refers to X and Y dimensions of the media as diagrammed above.



Custom page sizes from 3.6" x 5.8" to 8.5" x 14" can be defined in the printer drivers.

Media Type	x-Dimension	y-Dimension
Cut-Sheet Paper		
16K	195 mm	270 mm
32K	130 mm	185 mm
A4	210 mm	297 mm
A5	148 mm	210 mm
B5 (ISO)	176 mm	250 mm
B5 (JIS)	182 mm	257 mm
Executive	7.25"	10.5"
Folio	210 mm	330 mm
Foolscap	8"	13"
Government Legal	8.5"	13"
Government Letter	8"	10.5"
Kai 16	185 mm	260 mm
Legal	8.5"	14"
Letter	8.5"	11"
Letter Plus	8.5"	12.7"
Photo Print 4x6	6"	4"
Photo Print 10x15	152 mm	102 mm
Statement	5.5"	8.5"
UK Quarto	8"	10"
Custom	3.6" (min) 8.5" (max)	5.8" (min) 14" (max)

Envelopes

C5	229 mm	162 mm
C6	162 mm	114 mm
Chou #3	235 mm	120 mm
Chou #4	205 mm	90 mm
Com 10	9.5"	4.125"
DL	220 mm	110 mm
Monarch	7.5"	3.875"
You #4	235 mm	105 mm

Transparencies

A4	210 mm	297 mm
Letter	8.5"	11"

Postcard

Double Postcard	200 mm	148 mm
Japanese Postcard	148 mm	100 mm



magicolor 2550



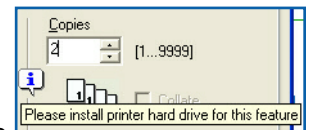
Advanced Document Processing

The magicolor 2550 EN and 2550 DN printer drivers provide several advanced document processing functions:

- ☐ Printer-based electronic collation
- ☐ N-up printing
- ☐ Double-sided printing
- ☐ Front and back cover pages and separator pages
- ☐ Form overlays
- ☐ Watermarks

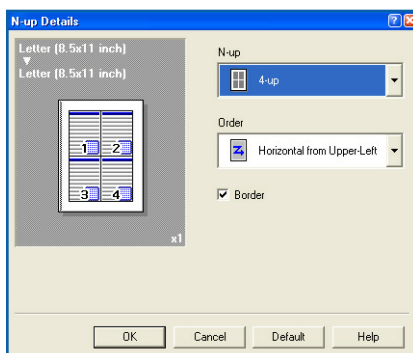
Printer-based electronic collation

If an optional hard disk is installed in the magicolor 2550 EN or 2550 DN, you can use printer-based collation when printing multi-page documents.



Collation refers to sorting multiple printed copies of a multi-page document into the proper order. **Printer-based collation** means that the document file is transmitted to the magicolor 2550 EN or 2550 DN only once, and the sorting is done at the printer.

For example, if you want 2 collated copies of a 4-page document, on the Basic tab specify 2 copies and select "Collate." The document file is transmitted to the printer once, and the pages are printed in the order 1-2-3-4 (copy 1), 1-2-3-4 (copy 2).



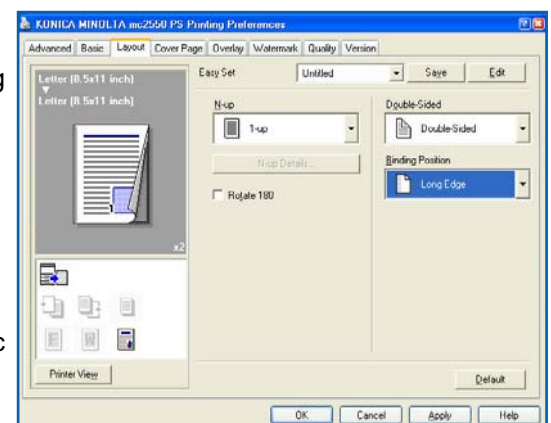
Once you choose n-up printing, you can also choose the order in which you want the pages printed on the media.

N-up printing

The printer drivers' n-up option allows you to print 2, 4, 6, 9, or 16 pages of a multi-page document on a single sheet of media. You can also add a border line around each page and specify the flow of the pages across the sheet. N-up options are available on the Layout tab.

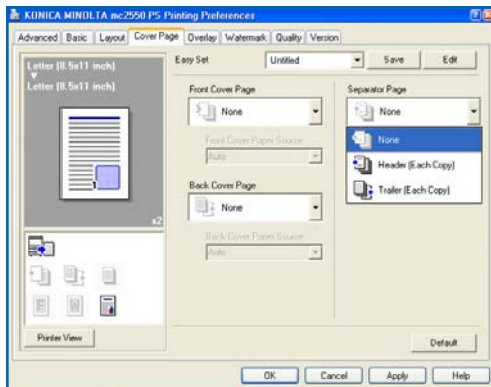
Double-sided printing

Duplex (two-sided) printing is available on the magicolor 2550 DN and, if an optional duplexer is installed, on the magicolor 2550 EN. Choose Double-Sided on the Layout tab and then choose either Long Edge or Short Edge binding. The paper graphic on the left side of the dialog box shows how pages are flipped to display the second side.





magicolor 2550



Front and back cover pages and separator pages

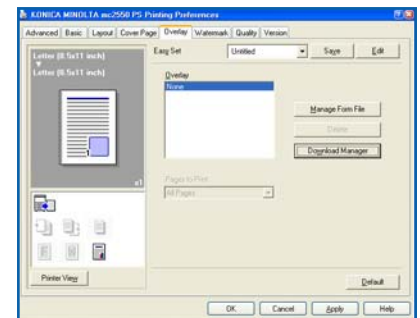
A **cover page** is a blank sheet of paper output before (front cover page) or after (back cover page) the print job.

A **separator page** is an information page printed before (header page) or after (trailer page) copies of a job. Information on these page includes user name, host name, and access number, if these are defined. The trailer page also includes the number of sheets of media used.

Cover and separator pages are enabled and identified on the Cover Page tab. If an optional lower feeder unit is installed, paper can be pulled from this tray for the cover and/or separator pages. Using a different color paper in this tray makes these pages very evident in the stack of printed pages.

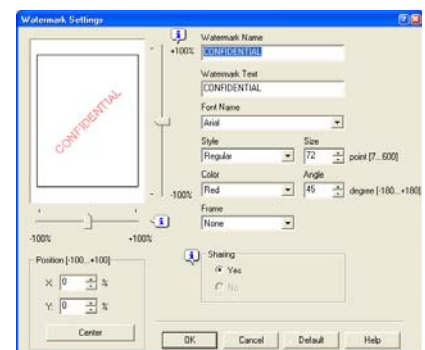
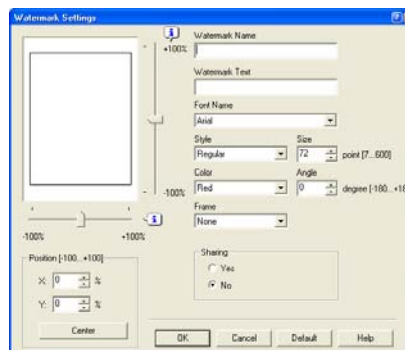
Form overlays

A **form overlay** is a print file that is printed either on the first page or on all pages of a document. Form overlays are identified and enabled on the Overlay tab.



Watermarks

A **watermark** is a word or phrase that is repeated on each printed page. You can add common text watermarks such as "CONFIDENTIAL" and "DRAFT" to a document—or create a custom watermark. The printer driver also includes selections for indicating the watermark's font, style, size, color, placement, and angle. Watermarks are created, edited, and enabled on the Setup tab.





magicolor 2550



Supplies

The consumables for the magicolor 2550 Series are easy to replace and cost-effective.



Cyan, magenta, yellow, and black (CMYK) toner cartridges.

Toner Cartridges

The four magicolor 2550 Series toner cartridges are (CMYK) color-coded for error-free installation and feature an intelligent chip that stores information on toner levels for accurate supplies monitoring. (See “Supplies Monitoring” for further information.)

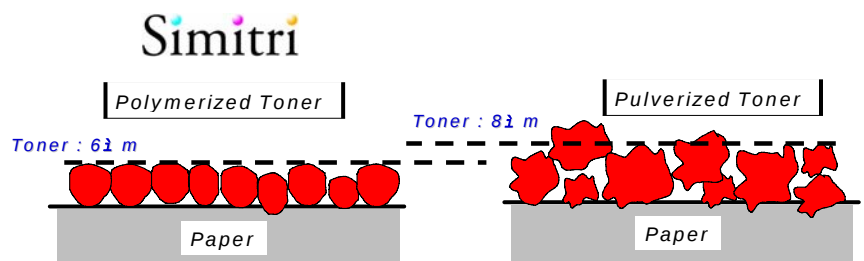
KONICA MINOLTA Simitri Polymerized Toner produces exceptional output. Its particles are smaller and more uniform in size and shape than conventional, pulverized toner, providing finer lines, better halftones, and improved image quality. It also has a higher transfer efficiency than regular toner, further contributing to output quality while producing less waste toner. This means that less toner remains on the surfaces of the drum cartridges, transfer belt units, and rollers after a page has printed, which in turn means cleaner prints.

A lubricant encapsulated within the toner particles eliminates the need for fuser oil, meaning that you have one less consumable to buy. Polymerized Toner is also environment friendly emitting less carbon acid gas (CO₂), nitrogen oxide (NO_x) and sulfur oxide (SO_x) in production process.

Always use toner identified as “Genuine KONICA MINOLTA.” The internal components of the magicolor 2550 Series printers are specifically designed around the parameters of genuine KONICA MINOLTA Simitri Polymerized Toner. Although toner cartridges from other manufacturers may fit, using them will cause the magicolor 2550 EN and 2550 DN to initiate longer cleaning cycles (to protect itself from toners with unknown adhesion properties) and slower printing.

Be sure to match the toner cartridge and printer “types.” In the Americas, 110V units use “Type AM” Genuine KONICA MINOLTA toner cartridges while 220V units use “Type EU.”

KONICA MINOLTA Simitri Polymerized Toner particles are small and more uniform in size and shape than conventional pulverized toner particles. The result is finer lines, better halftones, and improved print quality.





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The drum cartridge includes the OPC drum and the waste toner box.

Drum Cartridge

The drum cartridge includes both the OPC drum and waste toner box. The waste toner box captures excess toner from the printing process and prevents engine damage from loose toner particles. An agitation screw inside the waste toner box ensures efficient waste toner storage.

In-box Supplies

The magicolor 2550 EN and 2550 DN each ship with one cyan, magenta, yellow, and black toner cartridge (yield up to 4,500 letter/A4 pages at standard 5% coverage) and one full-capacity OPC drum cartridge.



All supplies are accessed conveniently from the front of the printer.

Replacement Supplies

Item	Yield*	Notes
Black, Cyan, Magenta, and Yellow Toner—High Capacity	4,500 pages	Continuous printing
Cyan, Magenta, and Yellow Toner—Standard Capacity	1,500 pages	Continuous printing
Drum Cartridge	45,000 pages	Monochrome, continuous printing
	10,000 pages	Monochrome, intermittent printing
	11,250 pages	Full color, continuous printing
	7,500 pages	Full color, intermittent printing

** Supply yields are expressed as an average number of letter/A4 pages at 5% coverage. However, actual supply life depends on such variables as page coverage, page size, media type, continuous or intermittent printing, number of color planes, ambient temperature, and humidity. Optimal consumable life is achieved with continuous printing (three or more pages per job). Intermittent printing (one page per job) reduces consumable life.*

At coverage below 5%, maximum toner cartridge yield is 6,000 pages.



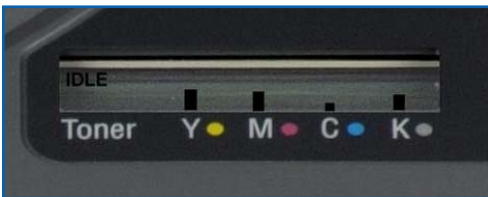
magicolor 2550



Supplies Monitoring

You have several options for viewing supply levels:

- ☐ Printer control panel—Message window
- ☐ Printer control panel—Statistics page
- ☐ Status Display—Supplies Display display
- ☐ Windows Control Panel—Printer Properties
- ☐ PageScope Web Connection—Supplies status
- ☐ PageScope Web Connection—Statistics page

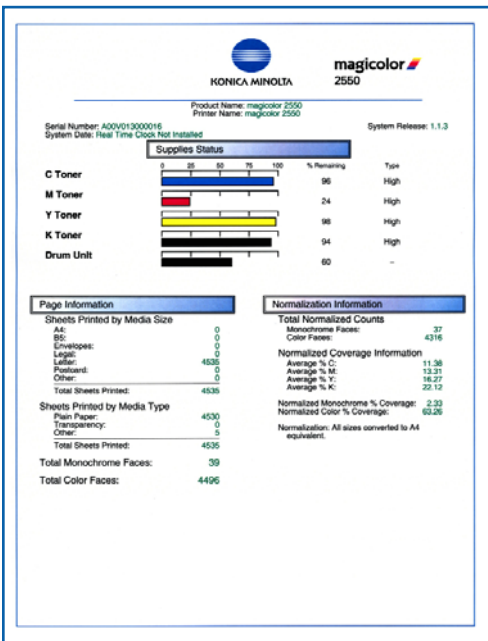


Printer Control Panel—Message Window

The message window in the printer's control panel clearly shows approximate toner levels with a gas gauge style display.

The message window also alerts you when the life of a toner cartridge or the drum cartridge is nearing the end or has ended.

Message	Meaning	Action
(CMYK) TONER LOW	The indicated toner cartridge is low and should be replaced within about 200 pages.	Prepare a new toner cartridge.
(CMYK) TONER EMPTY	The indicated toner cartridge is empty.	Install a new toner cartridge.
REPLACE (CMYK) TONER	The indicated toner cartridge is empty.	Install a new toner cartridge.
OPC DRUM LOW	The drum cartridge is near the end of its life.	Prepare a new drum cartridge.
OPC DRUM OUT	The drum cartridge has reached the end of its life.	Replace the drum cartridge.
REPLACE OPC DRUM	The waste toner bottle is full.	Replace the drum cartridge.



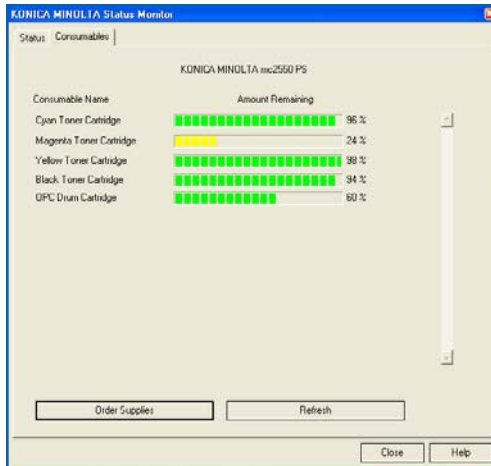
The statistics page provides supplies status for the four toner cartridges and the drum cartridge.

Printer Control Panel—Statistics Page

You can also use the control panel to print a Statistics page to review supply levels. Choose STATISTICS PAGE from the PRINT MENU menu.



magicolor 2550



The desktop Status Display provides real-time supplies status for remote printers.

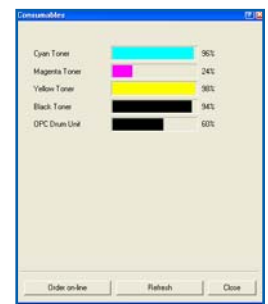
Status Display

The Status Display is a desktop utility that displays information about the current status of the printer and its supplies. It is available to computers running Windows and connected to a magicolor 2550 Series printer via the Ethernet interface.

The supplies status screen is available on the Consumables tab. The full-color, gas gauge-style display shows the percentage of life remaining in each toner cartridge and the drum cartridge. You can configure the Status Display to notify you when the level of a supply falls below a certain percentage (for example, 10%).

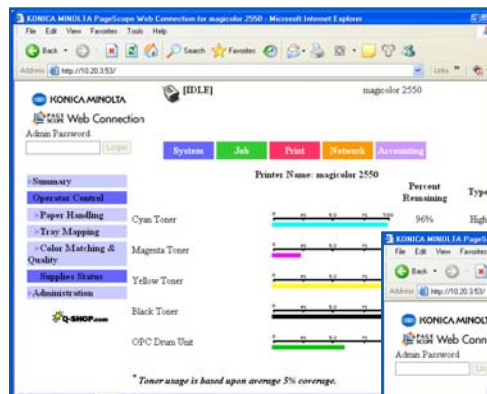
Windows Control Panel—Printer Properties

Printer Properties also provides a convenient way to view supply status. In the Windows Start menu, choose Printers and Faxes, and then right-click on the printer name or icon. Choose Properties, and then click on the Configure tab. The Consumables button displays a screen showing supplies status.



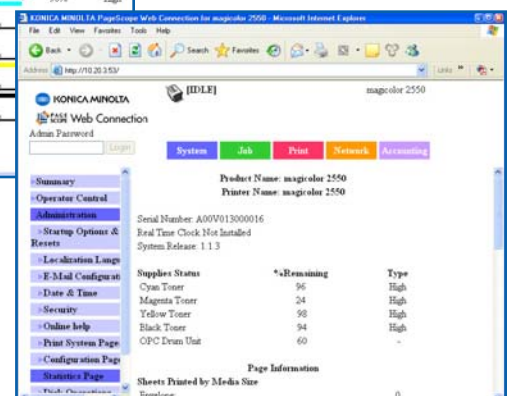
PageScope Web Connection

The magicolor 2550 EN and 2550 DN each have an embedded web page that allows anyone on the network to retrieve real-time status about their supplies. To access this web page, type the printer's IP address into the address field of a web browser. Two different pages with supplies status information are available: Supplies Status page and Statistics page.



To access the Supplies Status page in PageScope Web Connection, on the System page choose Operator Control and then Supplies Status.

To access the Statistics Page in PageScope Web Connection, on the System page choose Administration and then Statistics Page.





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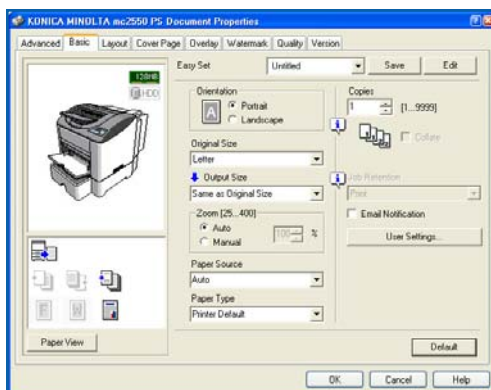
Printer Management

Complete printer control at your fingertips.

Convenient Printer Management Tools

You can manage the printer through the convenient printer management tools built into the magicolor 2550 Series printers and included on their auto-install *Software Utilities* CD-ROMs. Many management functions are also available through the printers' control panels.

- ☐ Printer drivers
- ☐ PageScope Printer Management Suite
- ☐ Status Monitor
- ☐ Print Monitor
- ☐ Download Manager
- ☐ Control panel
- ☐ Electronic documentation



The Windows drivers feature a tabbed layout that conforms to Microsoft standards, making them easy to use.

Printer Drivers

The magicolor 2550 EN and 2550 DN ship with the following:

- ☐ PostScript drivers for Windows Server 2003/XP/2000/NT4
- ☐ PCL drivers for Windows Server 2003/XP/2000/NT4/Me/98SE
- ☐ PPD (PostScript Printer Description) files for Windows Server 2003/XP/2000/NT4/Me/98SE, Macintosh OS X (v10.2+)/ OS 9 (v9.1+), Red Hat Linux 9, SuSE Linux 8.2

Printer drivers are available in 12 languages: English, Chinese Simplified, Chinese Traditional, Czech, French, German, Italian, Japanese, Korean, Portuguese (Brazilian), Russian, and Spanish.



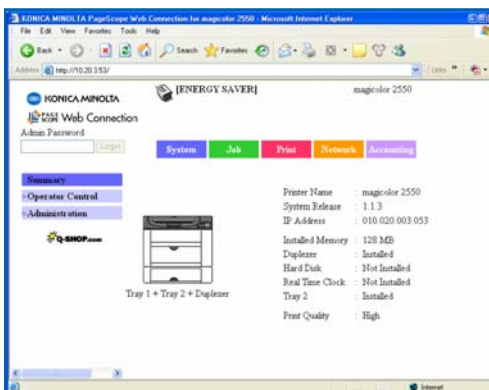
magicolor 2550



PageScope Printer Management Suite

To provide robust printer management for system administrators and general consumers, the magicolor 2550 Series printers include the PageScope Printer Management Suite of utilities:

- ☐ PageScope Web Connection
- ☐ PageScope Net Care
- ☐ PageScope Network Setup
- ☐ PageScope Plug and Print
- ☐ PageScope NDPS Gateway
- ☐ PageScope Peer-to-Peer Printing Tool
- ☐ PageScope Direct Print
- ☐ PageScope EMS Plug-ins
- ☐ HP Web JetAdmin Plug-in



With PageScope Web Connection you can check printer and print job status using your web browser.

PageScope Web Connection

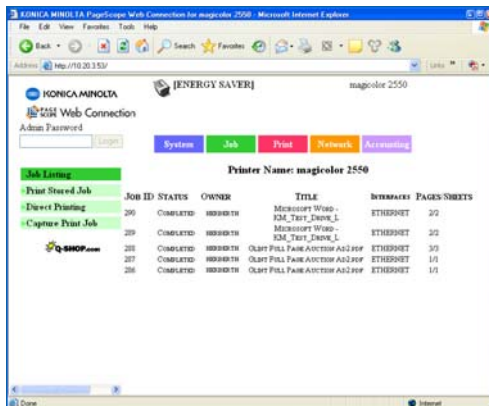
The magicolor 2550 EN and 2550 DN each have an embedded web page that allows anyone on the network to retrieve real-time status information about the printer as well as configure its settings from their desktop. This feature, PageScope Web Connection, is accessible through their existing web browser.

PageScope Web Connection provides a simple way to find the answers to questions like these about the printer:

- ☐ How much toner is left in the cartridges?
- ☐ Has my document printed yet?
- ☐ What type of media is in each tray?



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The PageScope Web Connection Jobs tab provides information about recently printed jobs, including the status, owner, title, interface used, and number of pages/sheets.

PageScope Web Connection information is divided into five tabs:

- ☐ **System**—The System tab provides and allows you to change configuration information about the printer.
- ☐ **Job**—The Job tab allows you to view print job status and history, print stored jobs, use direct printing, and save and retrieve captured jobs from the optional hard disk.
- ☐ **Print**—The Print tab displays USB and emulation settings and lists fonts and forms stored on the optional hard disk.
- ☐ **Network**—The Network tab provides and allows you to configure Ethernet network settings.
- ☐ **Accounting**—If an optional hard disk is installed, the Accounting tab allows you to review accounting reports and reset the accounting file.

PageScope Net Care

PageScope Net Care is a printer management solution for administrators of small and large business networks. This web-based utility provides the security, support, and information-gathering capabilities that all administrators look for in device management systems. PageScope Net Care delivers these capabilities in a simple, easy-to-use form that minimizes wasted time and improves network productivity.

PageScope Net Care runs on a variety of operating systems and offers an easy and intuitive way to perform remote installation, management, and configuration of KONICA MINOLTA and non-KONICA MINOLTA printers. Its advanced printing features include the following:

- ☐ Device Auto Discovery
- ☐ Network settings
- ☐ Printer status and alert messages

PageScope Network Setup

This software utility is designed to find and communicate with KONICA MINOLTA printers across a network using either TCP/IP or IPX/SPX protocol. It allows administrators to perform these functions:

- ☐ Display a list of devices on the network
- ☐ Verify and change network and print settings for each device
- ☐ Set up peer-to-peer printing
- ☐ Access the web settings page in the device



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[PageScope Plug and Print](#)

The PageScope Plug and Print utility automatically detects new printers connected to the network and creates print objects on the Windows print server.

[PageScope NDPS Gateway](#)

This network utility enables KONICA MINOLTA printers to be used in a Novell Distributed Print Services (NDPS) environment. It provides these benefits to the System Administrator:

- ☐ Printer management via Novell Standard Console
- ☐ Bi-directional feedback and control
- ☐ Event notification
- ☐ Controlled access under NDS
- ☐ Automatic Device Discovery

[PageScope Peer-to-Peer Printing Tool](#)

This utility, designed for Windows Me/98SE operating systems, makes it possible to print directly to a network printer without using a print server.

[PageScope Direct Print](#)

Use this application to print a PDF or TIF file on a magicolor 2550 Series printer without first opening an application. The following features are available:

- ☐ Printing by dragging and dropping to a desktop icon
- ☐ Printing by using the Windows "Send" function
- ☐ Printing by using a Hot Folder

[PageScope EMS Plug-ins](#)

The PageScope EMS Plug-ins are modules designed to integrate into third-party Enterprise Management Software packages and to allow KONICA MINOLTA printers to be managed and monitored through this software. KONICA MINOLTA offers plug-ins for the following EMS packages: HP OpenView, Tivoli NetView, Microsoft Management Console, and CA UniCenter TNG.

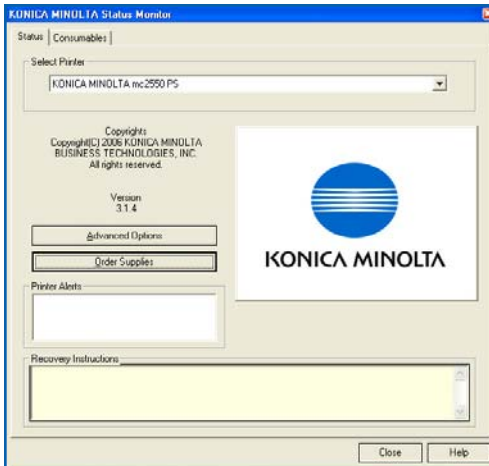
[HP Web JetAdmin Plug-in](#)

The HP Web JetAdmin plug-in allows network administrators to use HP Web JetAdmin to install, manage, and configure KONICA MINOLTA printers on their network.

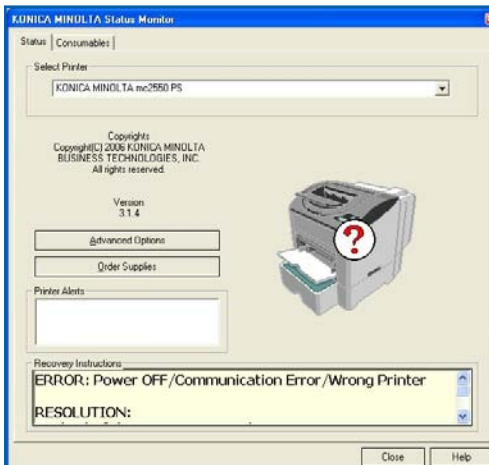




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The Status Monitor automatically establishes communication with the printer whenever the host computer is turned on.



The Status Monitor provides a graphical representation of any printer error and lists recovery instructions.

Status Monitor

The Status Monitor provides detailed information about the printer, including current status, current consumable levels, printer alerts, and recovery instructions for any printer errors. It also provides a convenient link for ordering supplies.

This helpful utility resides as an icon in the system tray on the Windows taskbar and can be activated by double-clicking the icon. It can be used on computers running Windows Server 2003/XP/2000/NT4/Me/98SE and connected to the printer using Ethernet.

Print Monitor

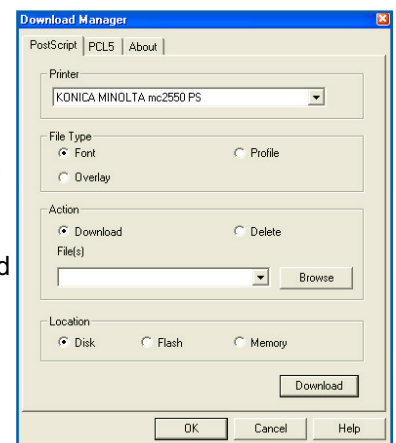
The Print Monitor utility routes print jobs directly from a host PC to the magicolor 2550 EN or 2550 DN using TCP/IP over the Ethernet interface. This reduces network traffic as data travels over the network once, bypassing a dedicated print server. KONICA MINOLTA provides Print Monitors for the Windows Server 2003/XP/2000/NT4 and Windows Me/98SE platforms.

To communicate current job status, the number of jobs in the queue, errors, and connection interruptions, a Windows graphical printer status screen is used. The Print Monitors include an Auto Discovery function to search for all KONICA MINOLTA printers on the network, then list each by its IP address or DNS host name in the printer driver dialog box. This allows users to instantly view and select from all available printers.

Download Manager

To store fonts, forms, overlays, color profiles, and other files on and delete them from an optional hard disk, KONICA MINOLTA offers the Download Manager utility. (These functions are also available through PageScope Web Connection.)

Download Manager can be installed and used as a separate utility or accessed through the PostScript and PCL Windows drivers. It communicates with the printer via TCP/IP or EtherTalk, and uses an easy-to-understand dialog box complete with online help.





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Printer Control Panel

The magicolor 2550 EN and 2550 DN control panels allow you to direct printer operation and provide information about the current status of the printer.

Each control panel includes a message window, 2 LEDs, and 5 keys.

Message Windows

The 2-line, 16-character message window provides printer status, shows configuration menu options, and displays toner supply levels.

LEDs

The two LEDs (Ready and Error) on the control panel indicate printer status.

Ready	Error	Condition
Off	Off	Power off
On	Off	Ready to print
Off	On	The printer requires attention; usually accompanied by a status message in the message window



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Keys

Key	Functions
Menu/Select	Enter the configuration menu system. Move down within the menu structure. Select the displayed menu choice.
Left Arrow	Move left within the menu structure. Scroll left within a list of available menu choices.
Right Arrow	Move right within the menu structure. Scroll right within a list of available menu choices.
Up Arrow	Move up within the menu structure. Scroll upward through the available characters when you are in a menu choice that is changeable character by character.
Down Arrow	Move down within the menu structure. Scroll downward through the available characters when you are in a menu choice that is changeable character by character.
Cancel	Cancel the displayed menu or menu choice. Cancel one or all print jobs that are currently being printed or processed.

Electronic User Documentation

Three especially useful manuals are on the *Documentation* CD-ROM:

☐ *magicolor 2550 Installation Guide*

This short, heavily illustrated manual describes how to unpack and set up the printer and then install the driver and utilities.

☐ *magicolor 2550 User's Guide*

This manual provides complete information about printing and maintaining the printer.

☐ *magicolor 2550 Reference Guide*

This manual provides complete information about using the printer with a Macintosh and Linux as well as about each of the printer management utilities.

These manuals are provided in Adobe PDF format. With the free Adobe Reader, you can easily display them on the computer screen, enlarge any illustrations you need to see close up, easily search for a certain word or phrase, or print part or all of the manuals. In addition, these electronic manuals can be easily stored on your computer's hard disk or in a convenient place on your network, so they are only a click away when needed.

All of the user documentation is also posted on the KONICA MINOLTA PRINTING SOLUTIONS U.S.A. Service & Support web site at printer.konicaminolta.com/support.



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Camera Direct Photo Printing

*Camera direct printing is as easy as
CONNECT, SELECT, CLICK, & ENJOY!*



*Camera direct photo printing gives you
the choice of printing 1-up, 2-up, 3-up,
4-up, 6-up, or 8-up photos.*

USB Host Port with PictBridge Compatibility

Using the USB 1.1 Host Port, conveniently located on the front of the magicolor 2550 DN, you can print photographs directly from any PictBridge-enabled digital camera with no PC or special software required.

Supported Functions

Supported functions include the following:

- ☐ 1-up, 2-up, 3-up, 4-up, 6-up, or 8-up photos
- ☐ Batch print
- ☐ Fit-to-page
- ☐ Index prints
- ☐ Multiple copies
- ☐ Plain paper or photo media
- ☐ Sizes up to 8.5" x 11", including 4" x 6" borderless prints
- ☐ Varied or duplicate images on the same page

Depending on the camera model, other functions may also be supported.

Printing Procedure

1. **CONNECT** the digital camera to the USB 1.1 Host Port.
2. **SELECT** the photos(s) to be printed.
3. **CLICK** "Print" in the camera user interface.
4. **ENJOY** the printed photographs.





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Color Control

Get great color without great effort.

Professional Color Tools for Novices and Professionals

The magicolor 2550 Series printers are designed with the color novice in mind. They feature an internal color matching system that automatically adjusts color, reproducing it faithfully as data is transferred from the computer to the printer.

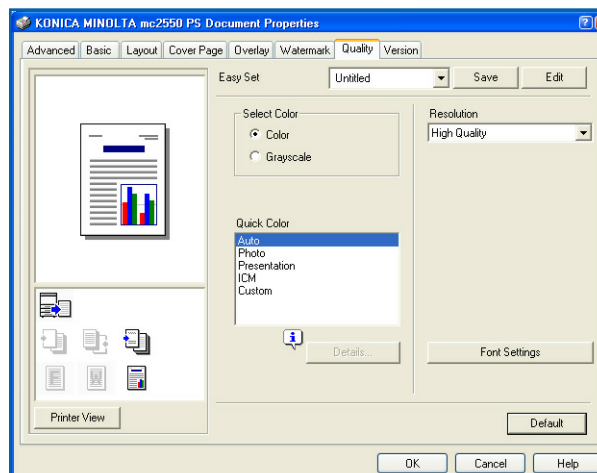
At the same time, other color matching methods allow professional color users to take control of color configuration.

Automatic ICC-Based Color Matching

The magicolor 2550 Series printers have a built-in ICC-based color matching system called the KONICA MINOLTA Color Management Module (CMM). Whether a page contains photos, graphics, text, or a combination of these elements, this CMM provides controls for automatic correction of color files. Using built-in ICC profiles and an sRGB color space, this system makes it as easy to get great color PowerPoint as from QuarkXPress.

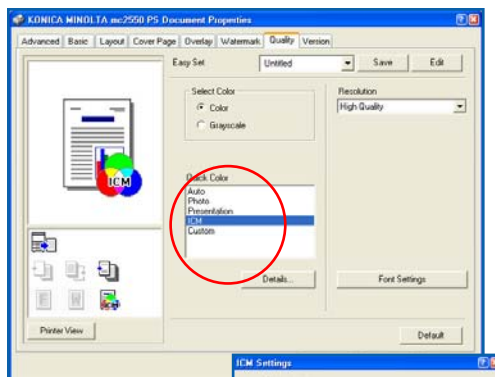
You have the choice of leaving the Quick Color selection in the driver set at "Auto" for automatic color matching or choosing "Photo" or "Presentation" to better define the primary content of the document.

The printer-resident ICC color matching system means it will automatically adjust color based on a page's content.

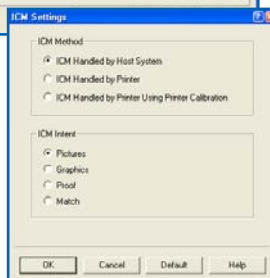




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Select "ICM" in the printer driver to deactivate the printer's internal CMM and use host-based color matching.



Host-Based ICC Color Matching

You may prefer to use the color matching system built into such applications as QuarkXPress, PhotoShop, and Illustrator. To support host-based color matching, KONICA MINOLTA provides a Windows ICM printer profile to define the printer's color space to the software's color matching system. To activate this function, select "ICM" in the printer driver and then choose the preferred ICM method and rendering intent.

Dynamic Contone Screening

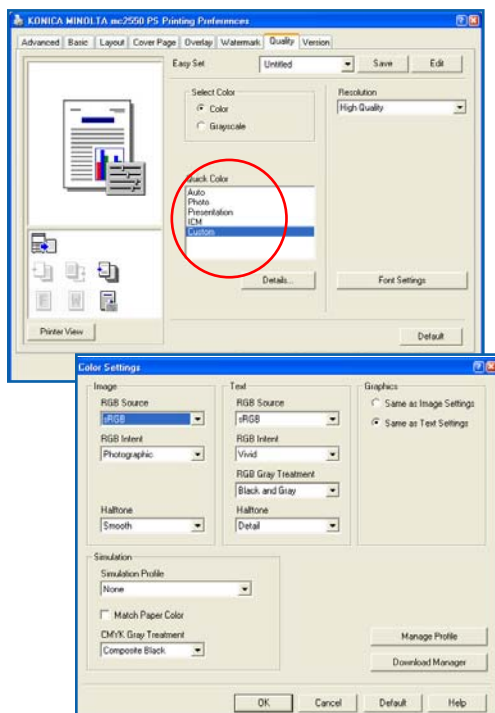
Dynamic Contone Screening is a convenient color tool that optimizes printed output by analyzing page elements and then *automatically* adjusting color based on these elements.

However, if you prefer, you can also perform this same function *manually*, adjusting the color settings for each page object—Images, Text, and Graphics. To use this hands-on method of color matching, select "Custom" in the printer driver and then choose the appropriate settings.

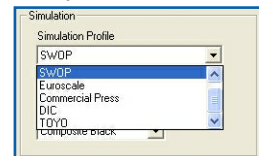
For each page object, the following settings are configurable:

- ❑ **Device profile**—The device profile, or RGB Source, defines the host input. Select from "sRGB" (for Windows operating systems), "Apple RGB," "Adobe RGB," "Color Match RGB," and "Blue Adjust RGB."
- ❑ **Rendering intent**—During color transformation from the host to the printer, the rendering intent, or RGB intent, determines the type of color matching that will be used to ensure graphics are bright and images are natural. Select from "Vivid" (ideal for sharp graphics and text), "Photographic" (best for images), "Relative," or "Absolute Color."
- ❑ **Halftone setting**—The halftone setting defines the screening method used. You will find that selecting the "Smooth" setting for images will produce fewer lines per inch (lpi), smoother gradations, and less banding. Selecting the "Detail" setting for text results in a higher lpi, crisp edges, and sharp lines.

The magicolor 2550 Series printers also include built-in profiles for simulating printing press output. Select from SWOP, EuroColor, DIC, Toyo, and Commercial press simulations.



Select "Custom" from the printer driver to perform Dynamic Contone Screening manually.





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PANTONE Color Look-Up Tables

PANTONE Color is another form of color matching supported by the printer's built-in CMM. Pantone, Inc. specifies hundreds of spot colors, each with a unique number. These colors can be simulated on the printers with the appropriate combination of process (CMYK) colors.

On the magicolor 2550 Series printers, the desired PANTONE Color number and corresponding CMYK value are accessed from a look-up table especially formulated for the printer by Pantone, Inc. These tables and related documentation are available on the KONICA MINOLTA web site.



eAIDC ensures consistent color from page to page and document to document.

Enhanced Automatic Image Density Control (eAIDC)

From day to day, and from one consumable change to the next, toner density may change, ultimately affecting color consistency. To maintain color consistency and ensure predictable color without user intervention, the magicolor 2550 EN and 2550 DN automatically perform enhanced Automatic Image Density Control at the following times:

- ☐ When the printer is turned on after a temperature or humidity change has occurred
- ☐ When the printer exits from Energy Saver mode after a temperature or humidity change has occurred
- ☐ When the printer is turned on or exits from Energy Saver mode after a predetermined number of pages have been printed (200 pages since the last quick AIDC or 1000 pages since the last full AIDC)
- ☐ After a consumables change
- ☐ Whenever requested through the Engine/Service/ Color Calibration menu



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Options

Increase your productivity.



Automatic Duplex Option

The magicolor 2550 DN provides automatic duplex printing right out of the box.

With the magicolor 2550 EN, you can manually duplex documents by printing one side of a sheet, turning it over and reinserting it in the input tray, and then printing on the other side. However, the automatic duplex option provides more convenient two-sided printing and installs on the back of the printer in about two minutes.



Lower Feeder Unit

An optional 500-sheet lower feeder unit increases the paper input capacity of the magicolor 2550 EN and 2550 DN to 700 sheets. The lower feeder unit accepts letter- and A4-size paper and attaches conveniently underneath the printer. This option not only reduces the frequency of paper refills, but it also allows you to keep more than one type of media available in the printer at all times.



Memory

While the magicolor 2550 EN comes with 128 MB RAM and the magicolor 2550 DN with 256 MB RAM, the controller board includes one free DIMM slot, so you can upgrade printer memory to a total of 640 MB RAM.

Increased RAM allows the printer to duplex additional media sizes at highest resolution and may also help speed printing of complex, graphics-filled files, especially in busy network environments. The table on page 11 lists memory requirements for simplex and duplex printing at all resolutions.



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Hard Disk

A 40 GB internal IDE hard disk can also be added to the magicolor 2550 EN and 2550 DN to support additional memory, security and convenience functions. The kit includes a hard disk, daughterboard, and time-of-day clock.

Extended Warranties

KONICA MINOLTA offers additional warranty options for the magicolor 2550 Series printers, including 1-year and 2-year extended exchange warranties, a 1-year extended on-site service warranty, and a 2-year on-site warranty upgrade.



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KONICA MINOLTA

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